

Super Match Multi Split System

2U50MEAFRA, 3U55S2PR1FA, 4U71S2PR1FA, 4U80S2PR1FA,
5U100S2PS1FA, 5U125S2PN1FA



Super Match Multi Splits

The Haier Super Match Multi Split System offers flexibility by allowing a range of indoor air conditioning units to be connected throughout the home in one system. The outdoor unit can be paired with different indoor unit types, including wall-mounted, ducted and cassette models, to suit individual requirements.

Features

New Addition

New addition to the Super Match Multi Splits series: Two connection 5kW is available

Simple Wiring and Compact Size

Simple wiring for easier installation with parallel connection. Compact size for versatile placement.

Faster Servicing

Faster servicing with accessible maintenance panel and service screen

Wider Range of Operation

Wider range of operation from -15°C to 46°C with anti-corrosion blue-fin coil protection

High maximum connectable capacity

Haier Super Match can connect up to 192% of the nominal capacity of the system

Nominal capacity (cooling)	Nominal capacity (heating)	Maximum indoor quantity	Minimum connectable capacity	Maximum connectable capacity	Maximum connectable diversity %
5	5.6	2	2.0kW	8.5kW	170%
5.2	5	3	2.0kW	8.5kW	155%
7.1	7.1	4	2.0kW	13.6kW	192%
8	8.8	4	2.0kW	14.2kW	178%
10	10	5	2.0kW	15.0kW	150%
12.2	12.2	5	2.0kW	18.7kW	156%

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Super Match Multi Split System

INDOOR UNITS

WALL MOUNTED - QUARTZ PLUS

- Optimised Heating Efficiency
- SmartHQ™



Model AS25QCFHRA
Model AS35QCFHRA
Model AS50QDFHRA
Model AS60QEFHRA
Model AS71QEFHRA



Model YR-HJ
(Included as standard)

WALL MOUNTED - PINNACLE

- UV Protect
- SmartHQ™



Model AS20PBDHRA (2.0kW)
Model AS26PBDHRA (2.5kW)
Model AS35PBDHRA (3.5kW)
Model AS53PDDHRA (5.0kW)
Model AS71PDDHRA (7.0kW)



Model YR-HE
(Included as standard)

SLIM DUCTED



Model AB25S2PS1FA (2.5kW)
Model AB35S2PS1FA (3.5kW)
Model AD50S2PS1FA (5.0kW)
Model AD71S2PS1FA (7.1kW)



Model YR-E17A
(Included as standard)

4 WAY CASSETTE



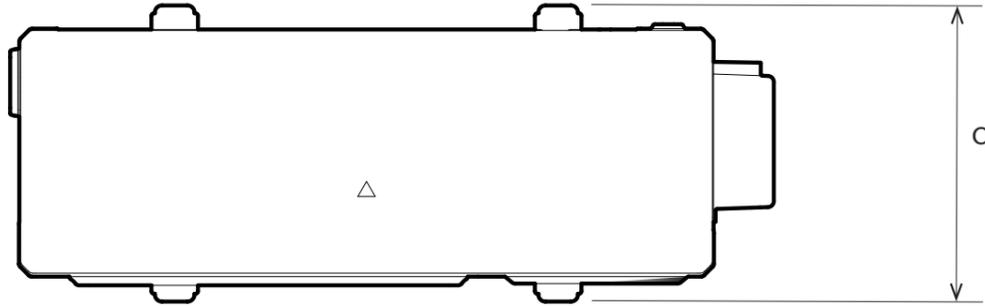
Model AB25S2PC1FA (2.5kW)
Model AB35S2PC1FA (3.5kW)
Model AB50S2PC1FA (5.0kW)
Model AB71S2PC1FA (7.1kW)



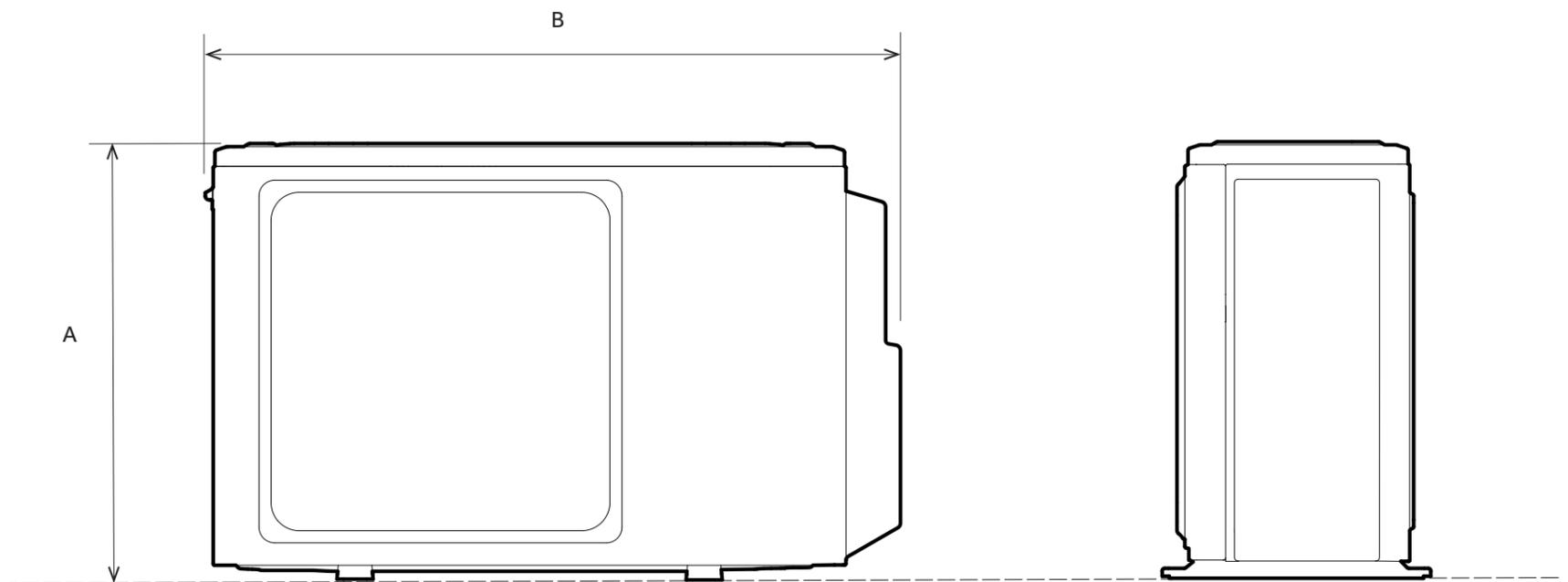
Model YR-HQS01
(Included as standard)

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2U50MEAFRA, 3U55S2PR1FA, 4U71S2PR1FA, 4U80S2PR1FA,
5U100S2PS1FA, 5U125S2PN1FA



TOP VIEW



SIDE VIEW

DRAWING NOT TO SCALE

	Model	2U50MEAFRA	3U55S2PR1FA	4U71S2PR1FA	4U80S2PR1FA	5U100S2PS1FA	5U125S2PN1FA
A	Product Height (mm)	553	700	700	700	760	965
B	Product Width (mm)	800	890	890	890	920	950
C	Product Depth (mm)	280	340	340	340	372	370
	Net Weight (Kg)	35 kg	50 kg	61 kg	61 kg	66 kg	79 kg
	Pre-Charged Length (m)	20m	30m	40m	40m	40m	50m

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2U50MEAFRA, 3U55S2PR1FA, 4U71S2PR1FA, 4U80S2PR1FA,
5U100S2PS1FA, 5U125S2PN1FA

Model/Outdoor unit			2U50MEAFRA	3U55S2PR1FA	4U71S2PR1FA	4U80S2PR1FA	5U100S2PS1FA	5U125S2PN1FA	
Maximum connected quantity of indoor units			2	3	4	4	5	5	
Performance data	Capacity	Cooling	kW nom	5.0	5.2	7.1	8.0	10.0	12.2
			(min~max)	1.8-6.2	2.1-6.6	2.4-8.7	3.2-9.5	3.2-11	3.2-13.8
		Heating	kW nom	5.6	5.0	7.1	8.0	10.0	12.2
			(min~max)	1.5-6.3	1.7-7.2	3.1-10	4.4-10.5	4.4-11.5	4.4-14.3
	Rated power input	Cooling	kW nom	1.25	1.3	1.7	2.1	2.6	3.1
			(min~max)	0.15-2.05	0.55-2.5	0.55-3.4	0.55-3.5	0.55-4.1	0.55-5.2
		Heating	kW nom	1.3	1.1	1.5	1.8	2.4	2.8
			(min~max)	0.38-1.98	0.55-2.2	0.55-3.1	0.55-3.4	0.55-3.4	0.55-4.3
EER/COP			4/4.3	4.09/4.39	4.25/4.64	3.74/4.47	3.92/4.24	3.94/4.34	
AEER/ACOP			3.96/4.26	3.95/4.21	4.09/4.45	3.63/4.31	3.80/4.10	3.83/4.21	
Star rating (Hot/Average/Cold)		Cooling	5.0/4.0/4.5	4.5/3.5/3.5	4.5/3.0/3.0	4.0/3.0/3.5	4.5/3.5/3.5	4.5/3.5/3.5	
		Heating	3.0/2.5/2.0	2.5/2.5/2.0	3.0/3.0/2.5	3.0/2.5/2.0	2.5/2.5/2.0	3.0/2.5/2.0	
TCSPF (Hot/Average/Cold)		Residential	6.722/5.921/6.186	6.417/5.160/5.171	6.142/4.995/4.973	5.993/4.958/5.044	6.131/5.049/5.097	6.102/5.099/5.167	
		Commercial	9.26/10.724/18.442	8.622/9.004/12.894	7.309/7.448/8.618	7.437/7.838/9.857	8.253/8.626/13.096	7.729/8.198/10.787	
HSPF (Hot/Average/Cold)		Residential	4.626/4.29/3.843	4.214/4.073/3.773	4.845/4.565/4.152	4.852/4.477/3.946	4.481/4.166/3.699	4.814/4.414/3.890	
		Commercial	4.615/4.405/4.036	4.191/4.088/3.845	4.830/4.649/4.305	4.842/4.607/4.169	4.468/4.268/3.888	4.808/4.560/4.124	
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50						
	Rated Load Amps (RLA)	Amp	5.6/5.8	5.7/5.0	7.5/6.9	9.6/8.0	11.3/10.5	13.6/12.4	
	Full Load Amps (FLA)	Amp	9.3/9.0	11.2/9.7	15.3/13.9	15.7/15.3	18.2/15.2	22.8/18.9	
Performance	Air flow (H/M/L)	m ³ /h	2200	3000	4000		4200		
	Sound power level (H/M/L)	dB(A)	63	64	68		70	73	
	Sound pressure level (H/M/L)	dB(A)	53	51	55		58		
Installation	External dimensions (W/D/H)	mm	800x280x553	890x340x700			920x372x760	950x370x965	
	Shipping dimensions (W/D/H)	mm	927x607x398	1010x455x835			1045x488x890	1050x485x1170	
	Net/Shipping weight	kg	35/38	50/59	61/70		66/77	79/91	
	Compressor type		Twin Rotary (DC Inverter)			Twin Rotary (DC Inverter)			
	Refrigerant type/charge	kg	R32/1.05	R32/1.4	R32/2.2		R32/2.4	R32/2.5	
	GWP		675			675			
	Refrigerant liquid pipe	mm	6.35	3xØ6.35	4xØ6.35		5xØ6.35		
	Refrigerant gas pipe	mm	9.52	3xØ9.52	3xØ9.52 + 1xØ12.7		3xØ9.52 + 2xØ12.7		
	Total pipe length (Max)	m	50	50	70		80	100	
	Single pipe length (Max)	m	30			25			
	Max height between I.U. & O.U	m	15			15			
	Max height between I.U. & I.U	m	15.0			7.5			
	Pre-charge length	m	20	30	40		50		
	Additional refrigerant charge	g/m	15			20			
Working temp.	Cooling (Min~Max)	°C	-15 to +50			-10 to +46			
	Heating (Min~Max)	°C				-15 to +24			

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MATCHING TABLES

5U100S2PS1FA				5U100S2PS1FA					5U125S2PN1FA				5U125S2PN1FA				5U125S2PN1FA							
Comb.	Combinations			Comb.	Combinations					Comb.	Combinations			Comb.	Combinations				Comb.	Combinations				
	Unit A	Unit B	Unit C		Unit A	Unit B	Unit C	Unit D	Unit E		Unit A	Unit B	Unit C		Unit A	Unit B	Unit C	Unit D		Unit A	Unit B	Unit C	Unit D	Unit E
(1x1)	2.0	—	—	(1x1)	2.0	2.0	2.0	2.0	—	(1x1)	2.0	—	—	(1x1)	2.0	2.0	2.0	2.0	(1x1)	2.0	2.0	2.0	2.0	2.0
	2.5	—	—		2.0	2.0	2.0	2.5	—		2.5	—	—		2.0	2.0	2.0	2.5		2.0	2.0	2.0	2.0	2.5
	3.5	—	—		2.0	2.0	2.0	3.5	—		3.5	—	—		2.0	2.0	2.0	3.5		2.0	2.0	2.0	2.0	3.5
	5.0	—	—		2.0	2.0	2.0	5.0	—		5.0	—	—		2.0	2.0	2.0	5.0		2.0	2.0	2.0	2.0	5.0
	7.1	—	—		2.0	2.0	2.0	7.1	—		7.1	—	—		2.0	2.0	2.0	7.1		2.0	2.0	2.0	2.0	7.1
(1x2)	2.0	2.0	—	(1x4)	2.0	2.0	2.5	2.5	—	(1x2)	2.0	2.0	—	(1x4)	2.0	2.0	2.5	2.5	(1x5)	2.0	2.0	2.0	2.5	2.5
	2.0	2.5	—		2.0	2.0	2.5	3.5	—		2.0	2.5	—		2.0	2.0	2.5	3.5		2.0	2.0	2.0	2.5	3.5
	2.0	3.5	—		2.0	2.0	2.5	5.0	—		2.0	3.5	—		2.0	2.0	2.5	5.0		2.0	2.0	2.0	2.5	5.0
	2.0	5.0	—		2.0	2.0	2.5	7.1	—		2.0	5.0	—		2.0	2.0	2.5	7.1		2.0	2.0	2.0	3.5	7.1
	2.0	7.1	—		2.0	2.0	3.5	3.5	—		2.0	7.1	—		2.0	2.0	3.5	3.5		2.0	2.0	2.0	3.5	3.5
	2.5	2.5	—		2.0	2.0	3.5	5.0	—		2.5	2.5	—		2.0	2.0	3.5	5.0		2.0	2.0	2.0	2.5	7.1
	2.5	3.5	—		2.0	2.0	3.5	7.1	—		2.5	3.5	—		2.0	2.0	3.5	7.1		2.0	2.0	2.0	2.5	5.0
	2.5	5.0	—		2.0	2.0	5.0	5.0	—		2.5	5.0	—		2.0	2.0	5.0	7.1		2.0	2.0	2.5	2.5	2.5
	2.5	7.1	—		2.0	2.5	2.5	2.5	—		2.5	7.1	—		2.0	2.0	7.1	7.1		2.0	2.0	2.5	2.5	3.5
	3.5	3.5	—		2.0	2.5	2.5	3.5	—		3.5	3.5	—		2.0	2.5	2.5	2.5		2.0	2.0	2.5	2.5	5.0
	3.5	5.0	—		2.0	2.5	2.5	5.0	—		3.5	5.0	—		2.0	2.5	2.5	3.5		2.0	2.0	2.5	2.5	7.1
	3.5	7.1	—		2.0	2.5	2.5	7.1	—		3.5	7.1	—		2.0	2.5	2.5	5.0		2.0	2.0	2.5	3.5	3.5
	5.0	5.0	—		2.0	2.5	3.5	3.5	—		5.0	5.0	—		2.0	2.5	2.5	7.1		2.0	2.0	2.5	3.5	5.0
	5.0	7.1	—		2.0	2.5	3.5	5.0	—		5.0	7.1	—		2.0	2.5	3.5	3.5		2.0	2.0	2.5	3.5	7.1
	7.1	7.1	—		2.0	2.5	5.0	5.0	—		7.1	7.1	—		2.0	2.5	3.5	5.0		2.0	2.0	3.5	3.5	3.5
(1x3)	2.0	2.0	2.0	(1x5)	2.0	3.5	3.5	3.5	—	(1x3)	2.0	2.0	2.0	(1x4)	2.0	2.5	3.5	7.1	(1x5)	2.0	2.0	3.5	3.5	5.0
	2.0	2.0	2.5		2.0	3.5	3.5	5.0	—		2.0	2.0	2.5		2.0	2.5	5.0	5.0		2.0	2.0	3.5	3.5	7.1
	2.0	2.0	3.5		2.0	3.5	4.2	5.0	—		2.0	2.0	3.5		2.0	2.5	5.0	7.1		2.0	2.5	2.5	2.5	2.5
	2.0	2.0	5.0		2.5	2.5	2.5	2.5	—		2.0	2.0	5.0		2.0	2.5	7.1	7.1		2.0	2.5	2.5	2.5	3.5
	2.0	2.0	7.1		2.5	2.5	2.5	3.5	—		2.0	2.0	7.1		2.0	3.5	3.5	3.5		2.0	2.5	2.5	2.5	5.0
	2.0	2.5	2.5		2.5	2.5	2.5	5.0	—		2.0	2.5	2.5		2.0	3.5	3.5	5.0		2.0	2.5	2.5	2.5	7.1
	2.0	2.5	3.5		2.5	2.5	2.5	7.1	—		2.0	2.5	3.5		2.0	3.5	3.5	7.1		2.0	2.5	2.5	3.5	3.5
	2.0	2.5	5.0		2.5	2.5	3.5	3.5	—		2.0	2.5	5.0		2.0	5.0	5.0	5.0		2.0	2.5	2.5	3.5	5.0
	2.0	2.5	7.1		2.5	2.5	3.5	5.0	—		2.0	2.5	7.1		2.5	2.5	2.5	2.5		2.0	2.5	2.5	3.5	7.1
	2.0	3.5	3.5		2.5	2.5	5.0	5.0	—		2.0	3.5	3.5		2.5	2.5	2.5	3.5		2.0	2.5	3.5	3.5	3.5
	2.0	3.5	5.0		2.5	3.5	3.5	3.5	—		2.0	3.5	5.0		2.5	2.5	2.5	5.0		2.0	2.5	3.5	3.5	5.0
	2.0	3.5	7.1		2.5	3.5	3.5	5.0	—		2.0	3.5	7.1		2.5	2.5	2.5	7.1		2.0	2.5	3.5	3.5	7.1
	2.0	5.0	5.0		3.5	3.5	3.5	3.5	—		2.0	5.0	5.0		2.5	2.5	3.5	3.5		2.5	2.5	2.5	2.5	2.5
	2.0	5.0	7.1		2.0	2.0	2.0	2.0	2.0		2.0	5.0	7.1		2.5	2.5	3.5	5.0		2.5	2.5	2.5	2.5	3.5
	2.5	2.5	2.5		2.0	2.0	2.0	2.0	2.5		2.5	2.5	2.5		2.5	2.5	3.5	7.1		2.5	2.5	2.5	2.5	5.0
	2.5	2.5	3.5		2.0	2.0	2.0	2.0	3.5		2.5	2.5	3.5		2.5	2.5	5.0	5.0		2.5	2.5	2.5	2.5	7.1
	2.5	2.5	5.0		2.0	2.0	2.0	2.0	5.0		2.5	2.5	5.0		2.5	2.5	5.0	7.1		2.5	2.5	2.5	3.5	3.5
	2.5	2.5	7.1		2.0	2.0	2.0	2.5	2.5		2.5	2.5	7.1		2.5	3.5	3.5	3.5		2.5	2.5	2.5	3.5	5.0
	2.5	3.5	3.5		2.0	2.0	2.0	2.5	3.5		2.5	3.5	3.5		2.5	3.5	3.5	5.0		2.5	2.0	2.5	3.5	7.1
	2.5	3.5	5.0		2.0	2.0	2.0	2.5	5.0		2.5	3.5	5.0		2.5	3.5	3.5	7.1		2.5	2.0	2.5	5.0	5.0
	2.5	3.5	7.1		2.0	2.0	2.0	3.5	3.5		2.5	3.5	7.1		3.5	3.5	3.5	3.5		2.5	2.5	3.5	3.5	3.5
	2.5	5.0	5.0		2.0	2.0	2.0	3.5	5.0		2.5	5.0	5.0		3.5	3.5	3.5	5.0		2.5	2.5	3.5	3.5	5.0
	2.5	5.0	7.1		2.0	2.0	2.5	2.5	2.5		2.5	5.0	7.1		3.5	3.5	3.5	7.1		2.5	3.5	3.5	3.5	3.5
	3.5	3.5	3.5		2.0	2.0	2.5	2.5	3.5		2.5	7.1	7.1		3.5	3.5	5.0	5.0		2.5	3.5	3.5	3.5	5.0
	3.5	3.5	5.0		2.0	2.0	2.5	2.5	5.0		3.5	3.5	3.5		3.5	3.5	5.0			3.5	3.5	3.5	3.5	3.5
3.5	3.5	7.1	2.0	2.0	2.5	3.5	3.5	3.5	3.5	5.0	3.5	3.5	7.1											
3.5	5.0	5.0	2.0	2.0	2.5	3.5	5.0	3.5	5.0	5.0	3.5	5.0	5.0											
5.0	5.0	5.0	2.0	2.0	3.5	3.5	3.5	3.5	5.0	7.1	3.5	5.0	7.1											
			2.0	2.5	2.5	2.5	2.5	5.0	5.0	5.0														
			2.0	2.5	2.5	2.5	5.0																	
			2.0	2.5	2.5	3.5	3.5																	
			2.0	2.5	3.5	3.5	3.5																	
			2.5	2.5	2.5	2.5	2.5																	
			2.5	2.5	2.5	2.5	3.5																	
			2.5	2.5	2.5	2.5	5.0																	
			2.5	2.5	2.5	3.5	3.5																	